Project Initialization and Planning Phase

Date	29 April 2024
Team ID	Team-737850
Project Name	FetalAl: Using Machine Learning To Predict And Monitor Fetal Health
Maximum Marks	3 Marks

Define Problem Statements (Customer Problem Statement Template):

Current fetal monitoring lacks continuous, comprehensive analysis, missing opportunities for early intervention. FetalAI applies AI to ultrasound data for real-time, personalized fetal monitoring throughout pregnancy. Using computer vision and machine learning, it analyzes fetal anatomy, movements, age, heart rate, and placental/amniotic fluid factors to detect abnormalities early. FetalAI provides an integrated risk assessment model, enabling proactive management of high-risk pregnancies. This AI-driven approach aims to improve birth outcomes by allowing timely interventions and data-driven prenatal care tailored to each patient. As a user-friendly, integrated solution, FetalAI empowers clinicians and expectant parents with actionable insights for better maternal/fetal health.